

## APPENDIX B

## PENDING CLAIMS AFTER AMENDMENT CLAIMS 1-29, 31 and 34-42

1. (amended) A compound selected from the group of compounds represented by Formula (I):

HOHN 
$$R^{1}$$
  $R^{2}$   $R^{2}$   $R^{4}$   $R^{5}$   $R^{6}$   $R^{6}$ 

**(I)** 

wherein:

R<sup>1</sup> and R<sup>4</sup> are, independently of each other, hydrogen or alkyl;

R<sup>2</sup> is: (i) cycloalkyl, cycloalkylalkyl, aryl, aralkyl, aralkenyl, heteroaryl, heteroaralkyl, heteroaralkyl, heterocyclo or heterocycloalkyl; or

(ii) -(alkylene)-B<sup>1</sup>-X where B<sup>1</sup> is -O-, -NR<sup>8</sup>-, -S(O)<sub>n</sub>- (where n is 0, 1 or 2), -C=O, -CONR<sup>8</sup>-, -NR<sup>8</sup>CO<sub>2</sub>-, NR<sup>8</sup>SO<sub>2</sub>- or -C(=NR<sup>8</sup>)NR<sup>8</sup>SO<sub>2</sub>-(where R<sup>8</sup> is H or alkyl), and X is cycloalkyl, cycloalkylalkyl, aryl, aralkyl heteroaryl or heteroaralkyl; or

(iii) -(alkylene)-B<sup>1</sup>-X where B<sup>1</sup> is -NR<sup>8</sup>CO- (where R<sup>8</sup> is H or alkyl), and X is cycloalkyl, cycloalkylalkyl, aryl, aralkyl heteroaryl or heteroaralkyl; or

(iv) R<sup>2</sup> and R<sup>3</sup> form an alkylene or heteroalkylene chain;

R<sup>3</sup> is hydrogen or alkyl;

R<sup>6</sup> is hydrogen, alkyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl; R<sup>5</sup> is:

(i) hydrogen, alkyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, aralkenyl, heteroaryl, heteroaralkyl, heteroaralkyl, heteroaralkyl, nor -(alkylene)-C(O)-X<sup>1</sup> where X<sup>1</sup> is alkyl, hydroxy, alkoxy, aryl, aralkyl, aryloxy, aralkyloxy, heteroaryl, heteroaryloxy, heteroaralkyloxy or NR'R" (where R' and R" are independently H or alkyl, or R'and R" form an alkylene chain); or

- (ii) R<sup>5</sup> and R<sup>4</sup> form an alkylene chain; or
- (iii) R<sup>5</sup> and R<sup>6</sup> form an alkylene chain;

n is 0 or 1;

A is  $-C(=O)-CH(R^9)-(CH_2)_m-N(R^{10})$ - wherein:

m is an integer from 0-5 inclusive;

 $R^9$  is hydrogen, alkyl, cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heteroaryl, heteroaralkyl, heteroayl, heteroaralkyl, or -(alkylene)-C(O)- $X^1$  where  $X^1$  is alkyl, hydroxy, alkoxy, aryl, aralkyl, aryloxy, aralkyloxy, heteroaryl, heteroaryloxy, heteroaralkyloxy or NR'R" (where R' and R" are independently H or alkyl, or R' and R" form an alkylene chain); and

R<sup>10</sup> is hydrogen, alkyl, aralkyl or heteroaralkyl;

Z is Y-B<sup>2</sup> wherein:

Y is alkylene or a bond; and

B<sup>2</sup> is -CONR<sup>8</sup>-, -SO<sub>2</sub>-, or -SO<sub>2</sub>NR<sup>8</sup>- (where R<sup>8</sup> is hydrogen or alkyl), alkylene (optionally substituted by hydroxy, alkoxy, amino, monoalkylamino or dialkylamino) or a bond;

 $R^7$  is cycloalkyl, cycloalkylalkyl, aryl, aralkyl, heteroaryl or heteroaralkyl; provided that when n=0 and Z is  $SO_2$ , then  $R^2$  does not contain an imidazole group; and their pharmaceutically acceptable salts, prodrugs, individual isomers, and mixtures of isomers.

- 2. (as filed) The compound of Claim 1 wherein: n is 0.
- 3. (as filed) The compound of Claim 2 wherein  $R^3$  and  $R^6$  are hydrogen.
- 4. (as filed) The compound of Claim 3, wherein:

  R<sup>2</sup> is aralkyl or heteroaralkyl.
- 5. (amended) The compound of Claim 4 wherein:  $Z \text{ is -S(O)}_{2}$ -.
- (as filed) The compound of Claim 5 wherein:
   R<sup>2</sup> is optionally substituted benzyl or heteroaralkylmethyl.

- 7. (as filed) The compound of Claim 6 wherein, R<sup>2</sup> is 4-t-butoxybenzyl, 3-chlorobenzyl, 3-indolyl methyl, 2-thienylmethyl, 4-imidazolylmethyl or 4-thiazolylmethyl.
- 8. (as filed) The compound of Claim 7 wherein  $R^2$  is 4-thiazolylmethyl.
- 9. (as filed) The compound of Claim 8 wherein: R<sup>7</sup> is aryl, aralkyl, heteroaryl or heteroaralkyl.
- 10. (amended) The compound of Claim 8 wherein:R<sup>7</sup> is optionally substituted benzyl.
- 11. (as filed) The compound of Claim 9 wherein: Z is  $-SO_2$  and  $R^7$  is aryl or heteroaryl.
- 12. (as filed) The compound of Claim 10, wherein:  $R^1$  and  $R^4$  are hydrogen and  $R^5$  is alkyl.
- 13. (as filed) The compound of Claim 12 wherein  $R^5$  is (S,S)-1-methylpropyl.
- 14. (as filed) The compound of Claim 11, wherein:  $R^1$  and  $R^4$  are hydrogen and  $R^5$  is alkyl.
- 15. (as filed) The compound of Claim 14 wherein  $R^5$  is (S,S)-1-methylpropyl.
- 16. (amended) The compound of Claim 3, wherein:

  R<sup>2</sup> is (alkylene)-B<sup>1</sup>-X where B<sup>1</sup> is -O-, -NR<sup>8</sup>-, -S(O)<sub>n</sub>- (where n is 0, 1 or 2), -C=O, 
  CONR<sup>8Y</sup>, -NR<sup>8</sup>CO<sub>2</sub>-, -NR<sup>8</sup>SO<sub>2</sub>- or -C(=NR<sup>8</sup>)NSO<sub>2</sub>-(where R<sup>8</sup> is H or alkyl), and X is cycloalkyl, cycloalkylalkyl, aryl, aralkyl heteroaryl or heteroaralkyl.



- 17. (amended) The compound of Claim 16, wherein:  $Z \text{ is -S(O)}_{2}$ -.
- 18. (amended) The compound of Claim 17, wherein  $R^2$  is  $CH_2$ - $B^1$ -X and  $B^1$  is -NHCO<sub>2</sub>- and X is benzyl.
- 19. (as filed) The compound of Claim 18 wherein:R<sup>7</sup> is aryl or aralkyl.
- 20. (as filed) The compound of Claim 19, wherein:  $R^{1} \text{ and } R^{4} \text{ are hydrogen and } R^{5} \text{ is alkyl.}$
- 21. (as filed) The compound of Claim 20 wherein R<sup>5</sup> is (S,S)-1-methylpropyl.
- 22. (as filed) The compound of Claim 1 wherein: n is 1.
- 23. (as filed) The compound of Claim 22 wherein m is 0 and R<sup>3</sup> and R<sup>6</sup> are hydrogen.
- 24. (as filed) The compound of Claim 23, wherein:R<sup>2</sup> is aralkyl or heteroaralkyl.
- 25. (amended) The compound of Claim 24, wherein:  $Z \text{ is } -S(O)_2$ -.
- 26. (as filed) The compound of Claim 25, wherein:R<sup>2</sup> is optionally substituted benzyl or heteroarylmethyl.
- 27. (as filed) The compound of Claim 26 wherein R<sup>2</sup> is 4-t-butoxybenzyl, 3-chlorobenzyl, 3-indolyl methyl, 2-thienylmethyl, 4-imidazolylmethyl or 4-thiazolylmethyl.



- 28. (as filed) The compound of Claim 27 wherein R<sup>2</sup> is 4-thiazolylmethyl.
- 29. (as filed) The compound of Claim 28 wherein: R<sup>7</sup> is aryl, aralkyl, heteroaryl or heteroaralkyl.
- 31. (as filed) The compound of Claim 29 wherein: Z is -SO<sub>2</sub>- and R<sup>7</sup> is aryl.
- 34. (as filed) The compound of Claim 31, wherein:  $R^1$  and  $R^4$  are hydrogen and  $R^5$  is alkyl.
- 35. (as filed) The compound of Claim 34 wherein  $R^5$  is (S,S)-1-methylpropyl.
- 36. (amended) The compound of Claim 23, wherein:  $R^2 \text{ is (alkylene)-B}^1\text{-}X \text{ where B}^1 \text{ is -O-, -NR}^8\text{-, -S-, -C=O, -CONR}^8\text{-, -NR}^8\text{CO}_2\text{-, -NSO}_2\text{- or -C(=NR}^8)\text{NSO}_2\text{-(where R}^8 \text{ is H or alkyl), and X is cycloalkyl, cycloalkylalkyl, aryl, aralkyl heteroaryl or heteroaralkyl.}$
- 37. (amended) The compound of Claim 36, wherein:  $Z \text{ is } -S(O)_{2}$ -
- 38. (amended) The compound of Claim 37, wherein  $R^2$  is  $CH_2$ - $B^1$ -X and  $B^1$  is -NHCO<sub>2</sub>- and X is benzyl.
- 39. (as filed) The compound of Claim 38 wherein: R<sup>7</sup> is aryl or aralkyl.
- 40. (as filed) The compound of Claim 39, wherein:  $R^1$  and  $R^4$  are hydrogen and  $R^5$  is alkyl.

- 41. (as filed) The compound of Claim 40 wherein R<sup>5</sup> is (S,S)-1-methylpropyl.
- **42.** (as filed) A pharmaceutical composition comprising the compound of Claim 1 and a pharmaceutically acceptable excipient.

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